AMENDMENT

Amendment to the Specification:

After page 16, line 20 of the specification, please add the following paragraph:

FIG. 2 presents nucleotide sequence and deduced amino acid sequence of hpa cDNA. A single nucleotide difference at position 799 (A to T) between the EST (Expressed Sequence Tag) and the PCR amplified cDNA (reverse transcribed RNA) and the resulting amino acid substitution (Tyr to Phe) are indicated above and below the substituted unit, respectively. Cysteine residues and the poly adenylation consensus sequence are underlined. The asterisk denotes the stop codon TGA.

Please replace the paragraph that begins at page 23, line 21 with the following paragraph:

The integration of the human heparanase cDNA in the mouse genome was verified by PCR using two sets of primers. The first couple was designed to amplify the 5' region of the transgene. It included a β-actin promoter specific primer (designated 5'-pCAGGs) 5'-ATAGGCAGCTGACCTGA-3' (SEQ ID NO:2) and human *hpa* specific primer: (designated Hpl-300) 5'-TGACTTGAGATTGCCAGTAACTTC-3' (SEQ ID NO:3). The second primers set was designed to amplify the 3' region of the transgene. It included a human *hpa* specific primer (designated Hpu-830) 5'-CTGTCCAACTCAATGGTCTAACTC-3' (SEQ ID NO:4), and a primer specific to the plasmid derived 3'-untranslated region (designated 3'pCAGGS) 5'-TCTAGAGCCTCTGCTAACCA-3' (SEQ ID NO:5); PCR conditions were as follows: 2 minutes at 95 °C followed by 33 cycles of 15 seconds at 95 °C, 1 minute at 58 °C and 1 minute at 72 °C.

Please replace the current sequence listing with the one attached hereto.

After Figure 1, please add Figure 2, which is enclosed herewith.